Year 11 Learning Map

- NUMBER
- ALGEBRA
- RATIO & PROPORTION
- STATISTISTICS/PROBABILITY
- GEOMETRY & MEASURE

Post 16

GCSE Examinations

Revision and Consolidation

SUMMER

Equivalence, congruency Angle rules

Probability, sample space, tree diagrams and Venn diagrams.

Transformations, construction, loci And graph transformations

Revision and Communication

Reasoning and proof

Listing and describing

Transforming and constructing

To understand scale, ratio, proportion, best buys and currency problems.

To understand angle rules, Pythagoras, trigonometry, proof and circle theorems

Understand indices and sequences

Reasoning

Multiplicative reasoning

Geometric reasoning

Algebraic reasoning

SPRING

Inputs and outputs equations and identities

Algebra

Functions

Changing the subject

Expanding and Factorising

Proportion and probability

Indices, roots and sequences

Y10 P D N Y11

AUTUMN

Graphs

Data

Gradients and Lines

$y = mx + c$

Non-linear graphs

Using graphs